



Material: Mosites #14127
Version 2.0

Revision Date: 3-14-23

Section 1 Product and Company Identification

Trade Name	Mosites #14127
Product Group	Silicone Rubber Compound
Manufacturer	Mosites Rubber Company 2720 Tillar Street Fort Worth, Texas 76107 USA
Customer Information	Tel (817) 335-3451, Fax (817) 870-1564 www.mositesrubber.com
Emergency Telephone no.	(817) 335-3451
Office hours:	7:30am-5pm CST Monday-Thursday, 8am-3:30pm CST Friday

Section 2 Hazards Identification

Potential Health Effects	
Eyes	May cause eye irritation .
Inhalation	May cause nose, throat and lung irritation.
Repeated exposure	Vapors may have adverse effects on the reproductive system based on animal testing of a component of this material.
Target Organs	Female reproductive system
Carcinogenicity	None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

Section 3 Composition/information on ingredients



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Type	CAS No.	Substance	Content (wt%)
Item	63148-62-9	Polydimethylsiloxane with vinyl groups	>95%

Section 4 First-aid Measures

Inhalation Remove to fresh air. Seek medical attention if irritation persists.

Skin Contact Wipe away excess material then wash with soap and water. Seek medical attention if irritation persists.

Eye Contact Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion If victim is conscious: drink water as a precaution. Consult a physician.

General Advice When symptoms persist or in all cases of doubt seek medical advice.

Section 5 Fire-fighting Measures

Flammable properties flash point >200 °C (>392 °F)

Fire and Explosion hazards Ignition Temperature >400 °C (>752 °F)
Burning may produce various hydrocarbon fragments, carbon dioxide, carbon monoxide, silicone dioxide, and formaldehyde.

Suitable extinguishing media Carbon dioxide (CO₂), foam, water, dry chemical

Firefighting Instructions Wear self-contained breathing apparatus and protective suit. Evacuate personal to safe areas. Do not allow run-off from fire fighting to enter drains or water courses.



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Section 6 Accidental Release Measures

Personal precautions

Wear proper protective gear.

Containment

Prevent material from entering drains or water courses.

Methods for clean up

Sweep up to avoid a slipping hazard while observing all environmental regulations.

Section 7 Handling and Storage

Handling

Protect from contamination. Provide appropriate exhaust ventilation to prevent dust build-up.

Wash hands immediately after handling product.

When using do not eat, drink, or smoke.

Storage

Store in a clean, dry location away from heat or flames.

Section 8 Exposure controls and personal protection

Ventilation

Mechanical ventilation in confined areas is recommended.

Personal Protective Equipment

Respiratory

not normally required with ventilation

Hand

as required by company policy

Eye

as required by company policy

Hygiene

wash with soap and water after contact

Section 9 Physical and Chemical properties

Form

sheets, or random shapes

Color

opaque

Specific Gravity

1.30 g/cm³

Water solubility

insoluble



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Section 10 Stability and Reactivity

Conditions to avoid	Processing temperatures > 200°C (>392°F). Avoid heating for prolonged periods above the upper processing limit.
Incompatibility	Reacts with acids, bases, alcohols, water, oxidizing agents and catalyst to produce hydrogen gas.
Hazardous decomposition	Releases flammable hydrogen gas as well as small amounts of benzene and formaldehyde.
Hazardous reactions	During drying, cleaning and molding, small amounts of hazardous gases and/or particulate matter may be released that may irritate eyes, nose and throat.

Section 11 Toxicological information

Information

Oral	LD50 >2,000 mg/kg, rat
Dermal	LD50 >2,000 mg/kg, rat
Skin irritation	none
Eye irritation	none
Repeated dose toxicity	none
Carcinogenicity	female reproductive at 700 ppm
Mutagenicity	none in animals
Reproductive toxicity	minor at 500ppm and 700ppm
Teratogenicity	none in animals

Section 12 Ecological information

This substance is not expected to produce toxic effects.

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Section 13 Disposal considerations

Waste Disposal	Dispose in accordance with all company and local regulations.
Packaging disposal	Dispose of in accordance with all company and local regulations.

Section 14 Transport information

This product is not regulated for transport by land, sea or air. This includes: US DOT, Canada TDG Surface, IMDG-Code, and ICAO-TI/IATA-DGR.

Section 15 Regulatory information

This product contains no materials known to violate the following regulations:

EINECS
TSCA
TSCA 12 (b)
AICS
DSL
ENCS (JP)
KECI (KR)
PICCS (PH)
INV (CN)
ISHL (JP)
NZIOC
NZ HSNO
CERCLA
SARA 302 EHS
SARA 311/312
SARA 313
HAPS



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RoHS

California proposition 65

PA Right to Know

Silica, amorphous, fumed

NJ Right to Know

Silica, amorphous, fumed

Section 16

Other information

Restrictions for use

Do not use Mosites Rubber Company materials in medical applications involving implantation in the human body or in contact with internal body fluids or tissues.

The information provided in the Safety Data Sheet is correct to the best of our knowledge as of the date of publication. This SDS contains selected regulatory information and is not intended to include all regulations. It is the responsibility of the user to comply with all applicable rules, regulations, and laws relating to the use of this product.